



10-09-03

RECEIVED

1742

OCT 15 2003

TC 1700

UNITED STATES PATENT  
AND TRADEMARK OFFICE

Serial No. : 10/058,438  
Applicants : Manobu KANNO et al.  
Filed : January 28, 2002  
For : METHOD AND APPARATUS  
FOR LEACHING ZINC  
CONCENTRATES  
Art Unit : 1742  
Examiner : Melvyn J. Andrews  
Docket No. : 02033/HG  
Customer No.: 01933  
Confirmation No.: 4300

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Express Mail Mailing Label  
No.: EL 980 048 724 US  
Date of Deposit: October 7, 2003  
I hereby certify that this paper is  
being deposited with the United States  
Postal Service "Express Mail Post Office  
to Addressee" service under 37 CFR 1.10  
with sufficient postage on the date  
indicated above and is addressed to the  
Commissioner for Patents,  
P.O. Box 1450  
Alexandria, VA 22313-1450

  
Dorothy DeFrancesco

In the event that this Paper is late  
filed, and the necessary petition for  
extension of time is not filed  
concurrently herewith, please consider  
this as a Petition for the requisite  
extension of time, and to the extent not  
tendered by check attached hereto,  
authorization to charge the extension  
fee, or any other fee required in  
connection with this Paper to Account  
No. 06-1378.

INFORMATION DISCLOSURE STATEMENT  
AND  
STATEMENT UNDER 37 CFR 1.97(e)

S I R :

Submitted herewith are the following:

- (1) A copy of a Communication and Search Report issued in the  
counterpart European application;
- (2) Form PTO/SB/08A. It is requested that an initialed copy  
of the Form PTO/SB/08A be returned to indicate that the  
publications listed therein have been considered and  
and made of record; and
- (3) Copies of the publications cited in said Form PTO/SB/08A.

Each of the cited publications is considered relevant or  
material to the patentability of the present invention in view of  
the citation thereof in said Search Report.

Said Search Report is in English, thereby satisfying the requirements for a concise explanation of relevance.

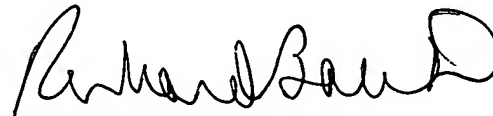
USP 4,676,828 to Andre, which was cited in the enclosed European Search Report, was previously cited in applicants' INFORMATION DISCLOSURE STATEMENT dated January 28, 2002.

**STATEMENT UNDER 37 CFR 1.97(e)(1)**

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the present Information Disclosure Statement. Said Communication bears a mailing date of September 8, 2003.

It is respectfully requested that the attached publications be considered and made of record.

Respectfully submitted,



RICHARD S. BARTH  
REG. NO. 28,180

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.

767 THIRD AVENUE - 25TH FLOOR

NEW YORK, NEW YORK 10017-2023

Tel. Nos. (212) 319-4900

(212) 319-4551/Ext. 219

Fax No. (212) 319-5101

E-Mail Address: BARTH@FHGC-LAW.COM

RSB/ddf

Encs.: European Search Report; Form PTO/SB/08A and  
publications cited therein

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

|   |                      |   |                                 |  |
|---|----------------------|---|---------------------------------|--|
| Substitute for Form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br> | Application Number   |   | 10/058,438                      |  |
|   | Filing Date          |   | January 28, 2002                |  |
|   | First Named Inventor |   | Manobu KANNO                    |  |
|   | Group Art Unit       |   | 1742                            |  |
|   | Examiner Name        |   | M.J. Andrews                    |  |
| Sheet 1   | of                   | 1 | Attorney Docket Number 02033/HG |  |

**RECEIVED**  
OCT 15 2003  
TC 1700

**U.S. PATENT DOCUMENTS**

| Exam. Inits <sup>*</sup> | Cite No <sup>1</sup> | Document Number | Kind Code <sup>2</sup> | Name of Patentee or Applicant | Publication Date MM-DD-YYYY | Relevant Portion |
|--------------------------|----------------------|-----------------|------------------------|-------------------------------|-----------------------------|------------------|
|                          |                      | 3,867,268       |                        | Kawulka et al.                | 02-18-1975                  |                  |
|                          |                      | 2,435,340       |                        | Christensen                   | 02-03-1948                  |                  |

**FOREIGN PATENT DOCUMENTS**

| Exam Inits <sup>*</sup> | Cite No <sup>1</sup> | Offc <sup>3</sup> | Document Number <sup>4</sup> | Kind Code <sup>5</sup> | Name of Patentee or Applicant | Publication Date MM-DD-YYYY | Relevant Portion | T <sup>6</sup> |
|-------------------------|----------------------|-------------------|------------------------------|------------------------|-------------------------------|-----------------------------|------------------|----------------|
|                         |                      | EPO               | 0 451 456                    | A1                     | Fugelberg et al.              | 10-16-1991                  |                  |                |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

<sup>\*</sup> EXAMINER: Initial if document considered, whether or not citation is in conformance with MPBP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: OCTOBER 7, 2003